MOVIE CUBE N160H

DVB-T Set top box

User Manual

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CAUTIONS:		
The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to "dangerous voltage" and to prevent from a risk of electric shock.	Warning: To reduce the risk of electric shock, don't open the cabinet. Refer servicing to qualified personnel only.	The exclamation point within an equilateral triangle is intended to alert the user to important operating and maintenance (servicing).

WARNING: Do not use this STB where contact with or immersion in water is a possibility. Do not use near flower vase, washbowls, kitchen sinks, laundry tubs, swimming pools, etc.
WARNING: Do not put the candle or lamp stand on the cabinet; otherwise, there is the danger of fire.
WARNING: The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the unit. If you are not sure of the type of power supply (for example, 120 or 230 V) to your home, consult your local dealer or local power company.
WARNING: This product installs diodes. Do not open the cabinet or touch any parts in the inner mechanism. Consult your local dealer for technical service if the opening is required.
Note: To ensure proper use of this product, please read this User manual carefully and retain for further reference.
Note: This product installs diodes. Do not open the cabinet to avoid the unit direct exposure to radiation.
Unit Cleaning: After the unit power is turned off, you can clean the cabinet, panel and remote control with a soft cloth lightly moistened with a mild detergent solution.
Attachments: Never add any attachments and/or equipment without the manufacturer consent; as such additions may result in the risk of fire, electric shock, or other personal injury.
Power-Cord Protection: Place the power-supply cord out of the way, where it will not be walked on. Please take special attentions to cords at plugs, convenience receptacles, and the point where they exit from the unit.
Object and Liquid Entry: Never put objects of any kind into this STB through openings, as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill any liquid on the STB.
Parts Replacement: When the unit parts need to be replaced, user should make sure the service technician use the replacement parts specified by the manufacturer or having the same characteristics as the original part. Unauthorized replacement may put the unit In the risk of fire, electric shock or other hazards.
Safety Check: After all the maintenances and repairs are done, user is required to request the service technician to conduct the overall safety check to ensure the machine is In the proper condition.
Locating: Slots and openings in the cabinet are provided for ventilation to protect it from overheating. Do not block these openings or allow them to be blocked by placing the STB on a bed, sofa, or other similar surface, nor should it be placed over a radiator or heat register.

PREFACE

Thank you for purchasing the new N160H!

Please read this manual thoroughly before any use and keep it well for future reference.
It will help you keep abreast with many of the exciting features and contains important safe measurements and correct operational information, so please read all the information carefully in order to avoid any damage.

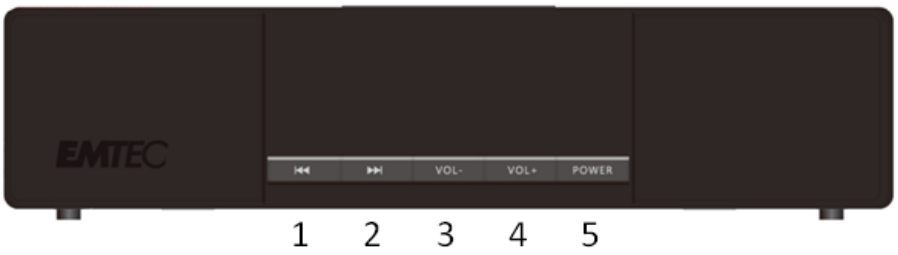
1. MAIN FEATURES

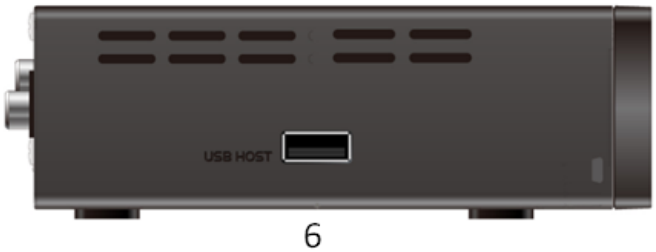
DVB-T TV Receiver
Supports the reception of Digital Video Broadcasting Terrestrial (DVB-T) and the Electronic Program Guide (EPG)

Media-player
- Video formats: MKV, MPEG1/2/4, H.264, AVI, VOB
- Audio formats: MP3, WMA
- Photo formats: support JPEG, BMP

PVR
Supports 3 recording modes:
- EPG Reservation Recording
- Manual Reservation Recording
- One Button Recording

FRONT PANEL





1. Channel down
2. Channel up
3. Volume down
4. Volume up
5. Power on/off
6. USB jack

BACK PANEL

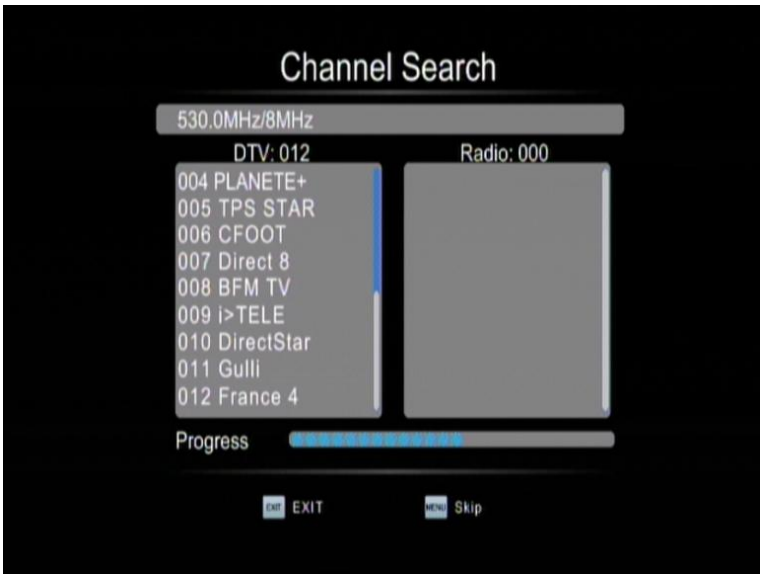
1. RF signal input
2. RF signal output
3. Coaxial jack
4. HDMI
5. TV scart

2. REMOTE CONTROL

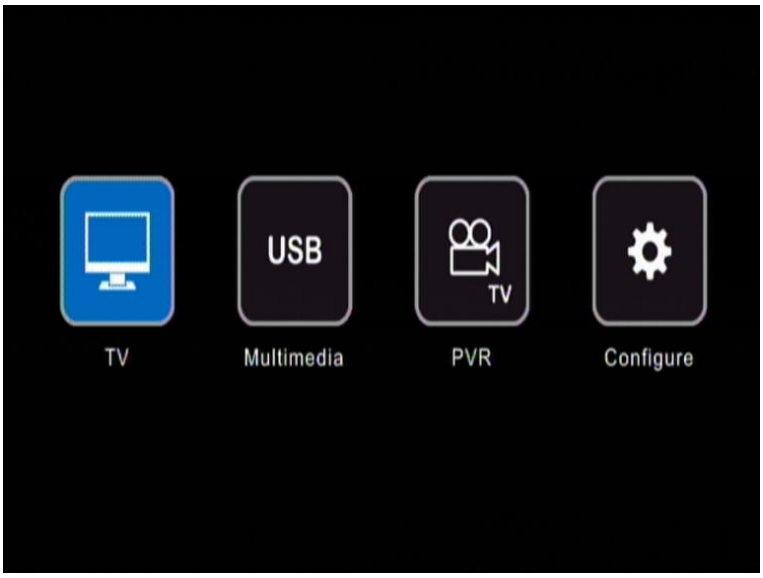
MUTE	Disable Audio output
POWER	Standby on/off
TV/R	Switch between TV program and Radio program when available
INFO.	Display the information bar
REC	Record the current program
USB	Direct access to your USB devices contents
PVR	Direct access to your recordings
MENU	Display main menu
BACK	Recall last channel
FAV	Display favorites channels
EXIT	Back to previous menu
CH+/CH-	Select next/previous channel. Directional arrows
V-/V+	Decrease or increase the volume. Directional arrows
OK	Call up a program list. Confirm a selection.
0…..9	Channels from 0 to 9
PGUP/PGDW	Page up/down in lists
PLAY/PAUSE	Playing or pause the program
STOP	Stop the program currently playing or the recording
RES.	Switch resolutions of video output
ASPECT	Select suitable aspect ratio
SUBTITLE	Switch between different subtitles
AUDIO	Set the audio track
RED	Timeshift. Pause the current TV show
GREEN	Display EPG information.
YELLOW	TELETEXT function key
BLUE	Display the menu to schedule your recordings

INSTALLATION GUIDE

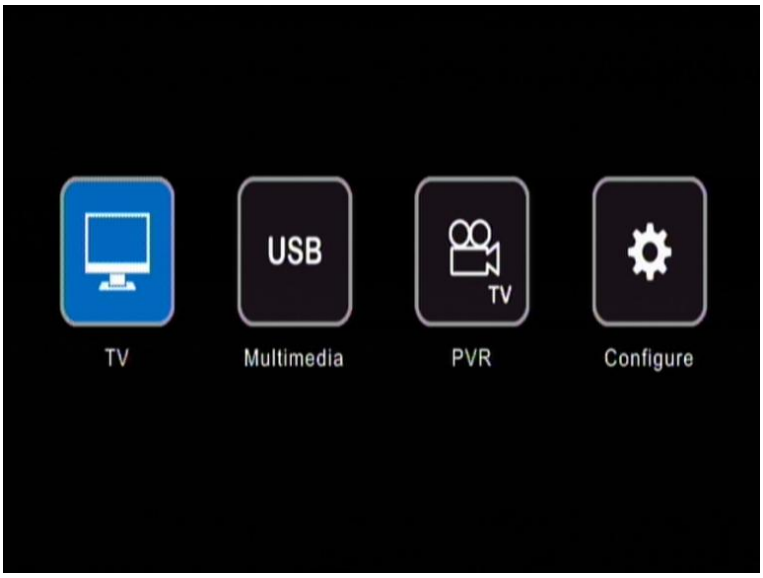
(1) Press [CH+/CH-] key to move the cursor.
(2) Press [VOL+/VOL-] key to select the item.
(3) Select [Channel Search] and press [OK] key to begin the auto scan.
(4) Press [Exit] key to exit menu.



As soon as the channel search ends, start enjoying your Movie Cube N160H watching your favorite DVB-T channels. To get more of your Movie Cube features, press [Menu] to access to Main Menu.



TV



1. TIMESHIFT FUNCTION

This function is only available when you connect USB storage to the player.
Press [Red] to start the timeshift, then press [Stop] to stop the recording.

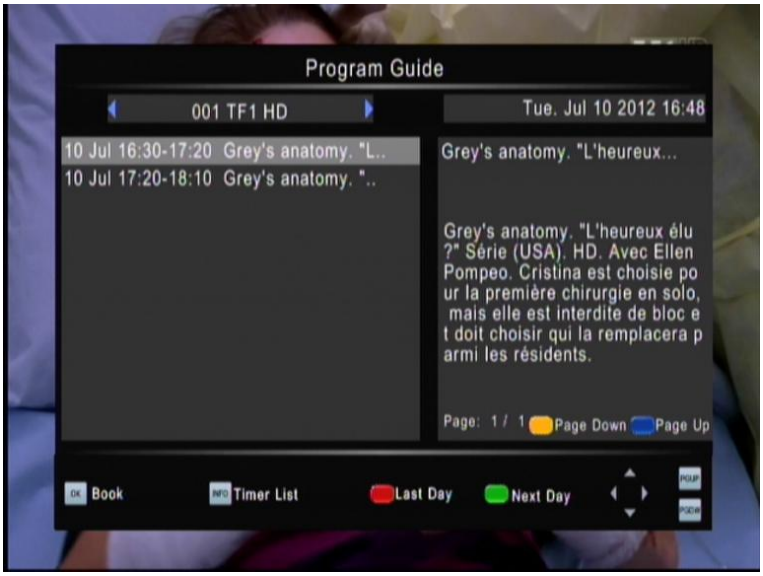
2. RECORD FUNCTION

If you press [REC] key to start recording, the screen will be displayed as below :

Press [STOP] key to stop recording.

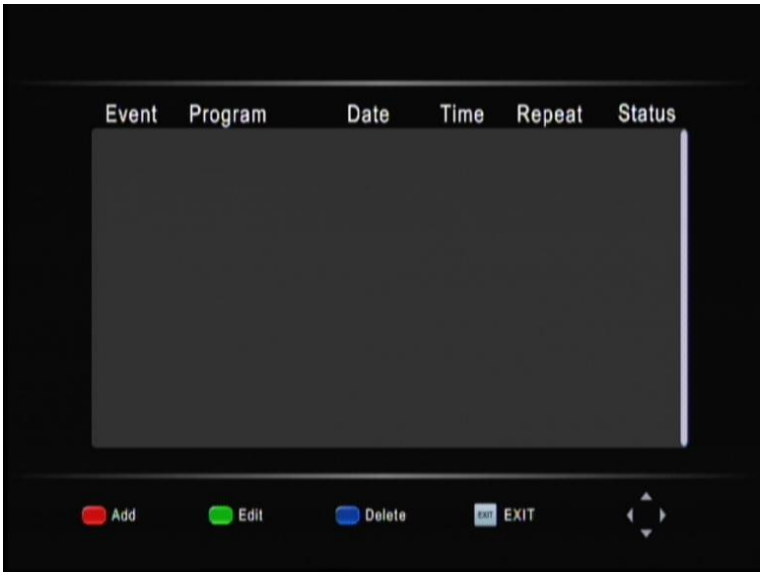
3. EPG RECORDING

You will never miss your favorite program base on fully EPG recording feature. Press the [GREEN] button to access to the EPG. Press [OK] key to start EPG recording while you browse the EPG.

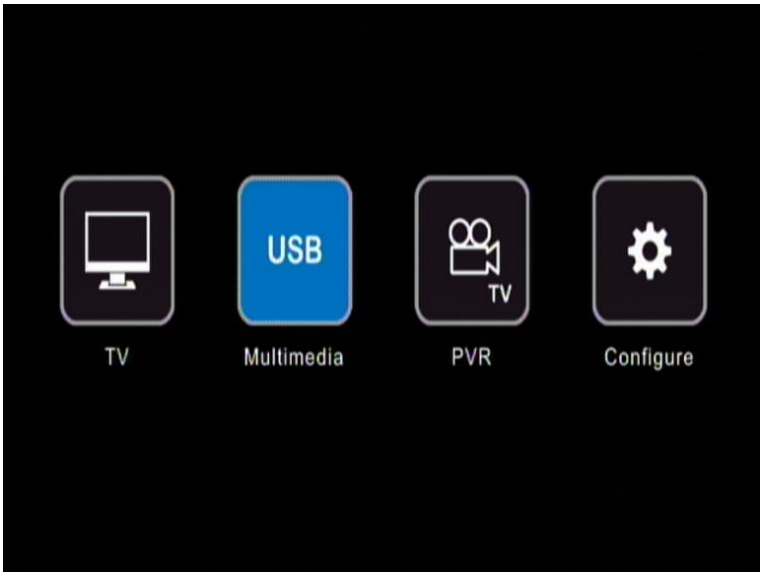


4. SCHEDULE YOUR RECORDING

Press the [BLUE] button to access to the Timer. You can schedule your recordings by defining start and end time. You can add, edit and delete any scheduled recordings later on.



USB - MULTIMEDIA



(1) Press [OK] key to enter the “Multimedia” menu.
(2) Press [VOL-/VOL+] key to select “Music, Photo, Movie”.

1. MUSIC

(1) Press [OK] key to enter the “Music” menu.
(2) Press [CH-/CH+] key to select the file and press [OK] key to play the music.
(3) Press [EXIT] key to return to folder.

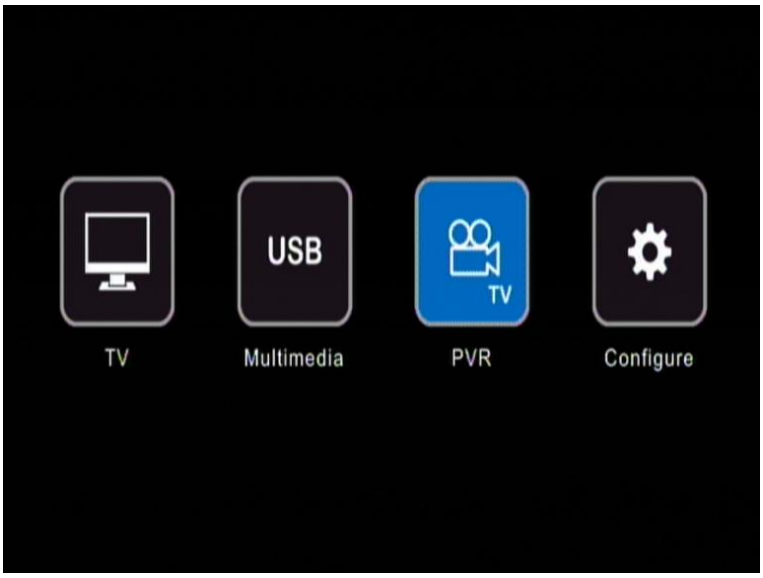
2. PHOTO

(1) Press [OK] key to enter the “Photo” menu.
(2) Press [CH-/CH+] key to select the file and press [OK] key to show the picture.
(3) Press [EXIT] key to return to folder.

3. FILM

(1) Press [OK] key to enter “Movie” menu.
(2) Press [CH-/CH+] key to select the file and press [OK] key to play the movie.
(3) Press [EXIT] key to return to folder.

PVR – MANAGE YOUR RECORDINGS



(1) Press [OK] key to enter the “PVR” menu.
(2) Press [CH-/CH+] key to select the PVR file and press [OK] key to play the video.
(3) Press [EXIT] key to return to folder.

1. FULL SCREEN

(1) Press [CH-/CH+] key to choose the file to play.
(2) Press [BLUE] key to make it full screen.

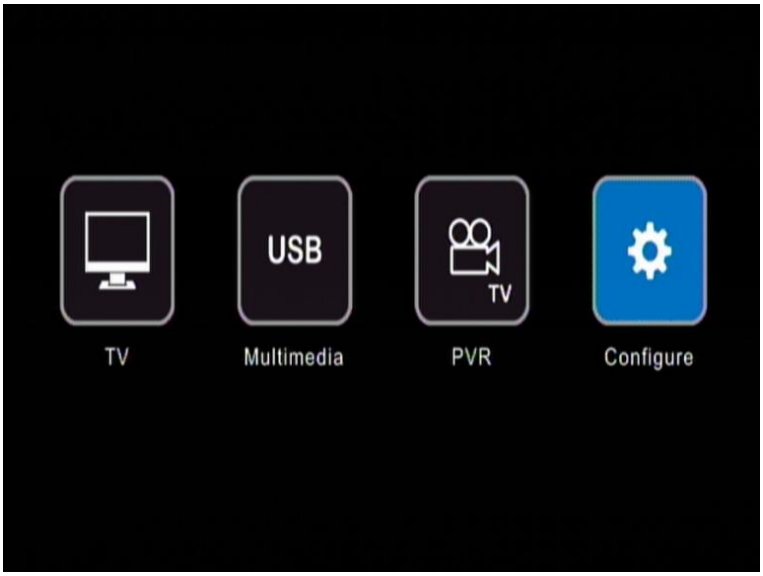
2. DELETE

(1) Press [YELLOW] key to delete the selected program.
(2) Confirm with [OK] key.

3. RENAME

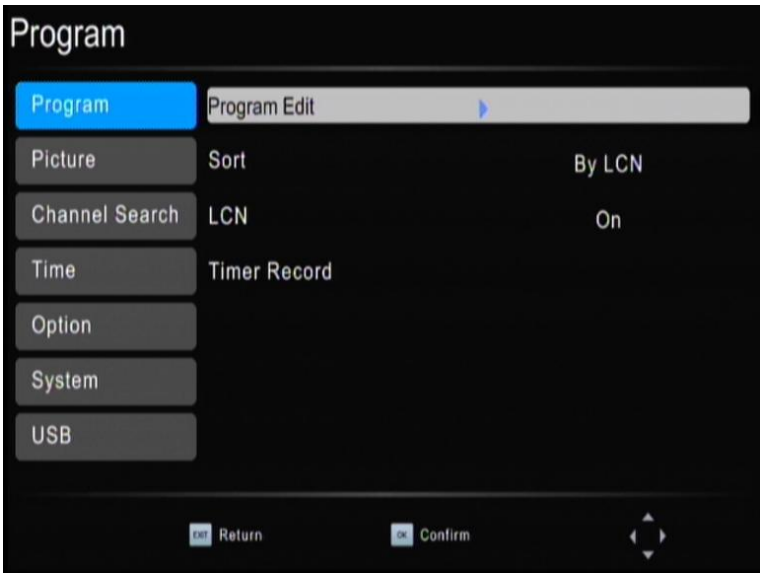
(1) Press [GREEN] key to rename the selected program.
(2) Press [OK] key to save the changes.

CONFIGURE



Press [CH-/CH+] key to select menu pages among Program, Picture, Channel Search, Time, Option, System and USB.

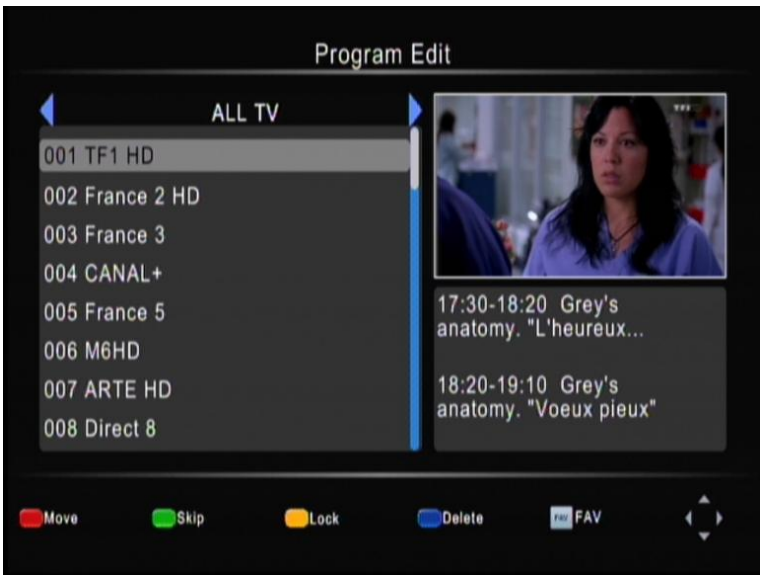
1. PROGRAM



1.1 PROGRAM EDIT

Press [CH-] or [OK] key to enter the “Program Edit”. If Menu Lock is “On”, a dialogue inquires the password, which is “000000” for default.

When entering the “ALL TV” menu, which shows as below:



(1) Press [CH+/CH-] key to move the cursor.
(2) Press [PGDW/PGUP]key to execute the Page Up/Page down function.
(3) Press the color key to execute the corresponding functions in “ALL TV”.

1.2 MOVE

(1) Press [CH+/CH-] key to move the cursor and press [RED] key to make a mark. There will be a “moving mark” in the right side of the selected channel as above.
(2) Press [CH+/CH-] key to move the selected channel to the position that you want to place. Press [RED] key to confirm your decision.

1.2.1 SKIP

(1) Press [CH+/CH-] key to move the cursor and press [Green] key to make a “skip mark” in the right side of the highlighted channel.
(2) After saving and exiting menu, the channel will be skipped while user changes channel in the full screen.

1.2.2 LOCK

(1) Press [CH+/CH-] key to move the cursor and press [YELLOW] key to make a “lock mark” can be seen on the right side of the highlighted channel.
(2) After saving and exiting the menu, if you want to watch the locked channel, a password will be required.

1.2.3 DELETE

(1) Press [CH+/CH-] key to move the cursor and press [BLUE] key to delete.
(2) Press [OK] key to confirm the deletion of the channel or press [exit] key to cancel.
(3) After saving and exiting “ALL TV” menu, the marked channel will be deleted.

1.2.4 FAVORITE

(1) Press [CH+/CH-] key to move the cursor and press [FAV] key to open the “Favorite Type” window showing “Disable, Movie, News, Sport and Music”.
(2) Press [CH+/CH-] key to navigate among the 4 favorite groups then press [OK] to make a favorite mark in the left side of the selected Favorite group.
(3) Select [Disable] and press [OK] key to cancel the existing favorite mark.

(4) After marking, press [Exit] key to go back to “ALL TV”: there will be a favorite mark beside the marked channel.

1.2.5 RENAME

(1) In “ALL TV” menu, press [CH-/CH+] key to move the cursor and press [BACK] key to open the “Rename” window.
(2) Use the numeric key on the remote control to set the TV name.

1.3 SORT

(1) Press [CH+/CH-] key to move the cursor to “Sort” then press [VOL-/VOL+] key to change the three kinds of sorting type: by “LCN, “service name”, “ONID”.
(2) Press [OK] key to confirm your selection.

1.4 LCN

(1) Press [CH+/CH-] key to move the cursor to “LCN”
(2) Choose to active/deactivate the LCN mode by pressing on/off.

2. PICTURE

ASPECT RATIO

Press [VOL-/VOL+] key to change option item and press [OK] key to confirm the selection.

RESOLUTION

Press [VOL-/VOL+] key to change option item and press [OK] key to confirm the selection.

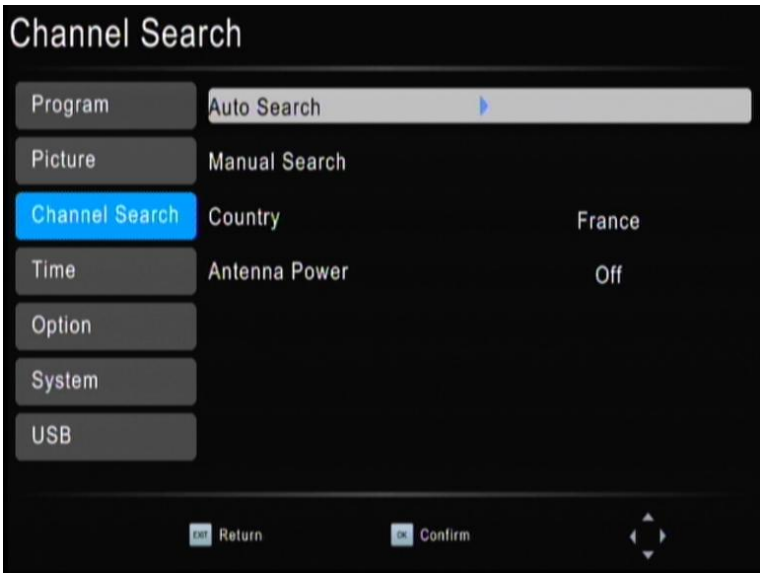
TV FORMAT

Press [VOL-/VOL+] key to change option item and press [OK] key to confirm the selection.

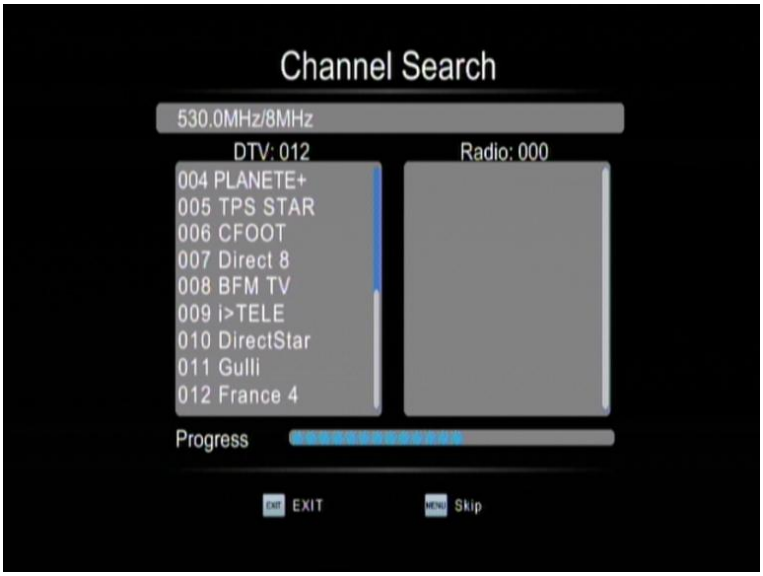
VIDEO OUTPUT

Press [VOL-/VOL+] key to change option item and press [OK] key to confirm the selection.

3. CHANNEL SEARCH



(1) Press [MENU] key to display the main menu.
(2) Press [VOL-/VOL+] key to select the “Channel Search “program.



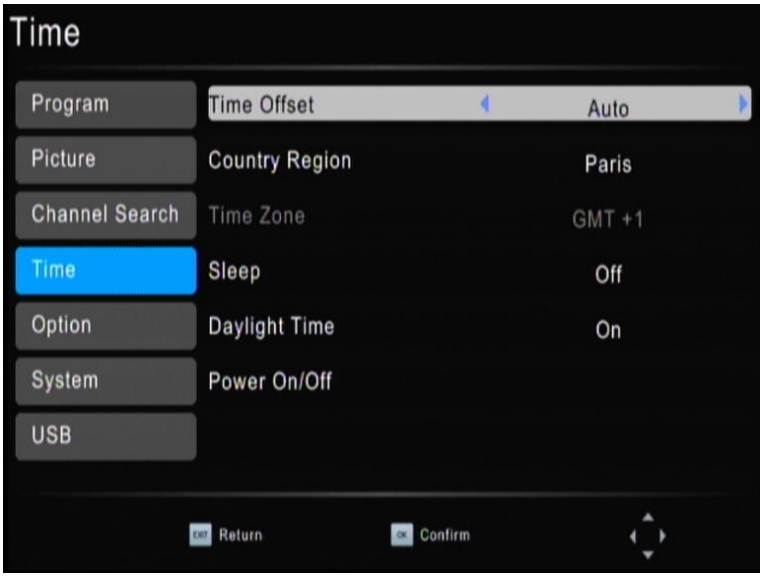
(3) Press [Exit] key to go back to the main menu.

AUTO SEARCH

(1) Press [CH+/CH-] key to select “Auto Search”.
(2) Press [OK] to enter the “Auto Search” menu and start scanning.
(3) In the “Auto Search” menu, press [Exit] key to cancel the scanning.

(1) Press [CH+/CH-] key to select “Manual Search”.
(2) Press [OK] to enter the “Manual Search” menu.
(3) Press [VOL-/VOL+] key to select the country.
(4) Press [VOL-/VOL+] key to power on/off the “Antenna Power”.
(a) You can scan channel by adjusting the “Frequency Channel” number and press [OK] key to start scanning.
(b) If you scan channels by Frequency (MHz), “Frequency” and “Bandwidth” are available to adjust. Press [OK] key to save your modifications and the scan will start.
(5) Press [Exit] key to exit the scanning.

4. TIME



(1) Press [MENU] key to display the main menu.
(2) Press [VOL-/VOL+] key to select the “Time” menu.
(3) Press [Exit] key to exit.

TIME OFFSET

Press [VOL-/VOL+] key to change “AUTO / MANUAL“ type of time offset.

COUNTRY REGION

Press [VOL-/VOL+] key to change the country region.

TIME ZONE

When the time offset is “MANUAL“, you can change “GMT+0” value.

SLEEP

The player will automatically turn off after the number of hours indicated

DAYLIGHT TIME

Press Left/Right key to turn on or turn off Daylight saving

POWER DOWN AFTER

Press [VOL-/VOL+] key to setup when to power down automatically

5. OPTION

(1) Press [MENU] key to display the main menu.
(2) Press [VOL-/VOL+] key to select the “Option“ menu and OSD Language.
(3) Press [VOL-/VOL+] key to choose the language.

SUBTITLES LANGUAGE

Press [VOL-/VOL+] key to choose TV subtitles language.

AUDIO LANGUAGE

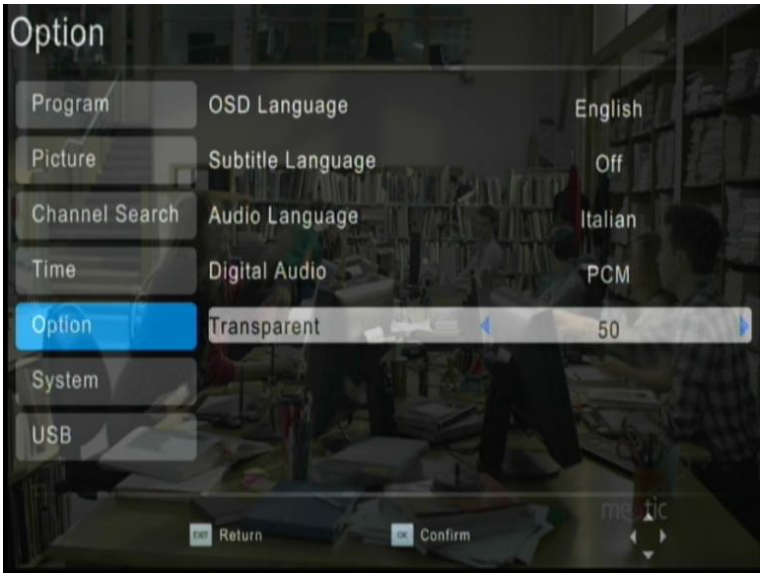
Press [VOL-/VOL+] key to choose audio language.

DIGITAL AUDIO

Press [VOL-/VOL+] key to choose digital audio output.

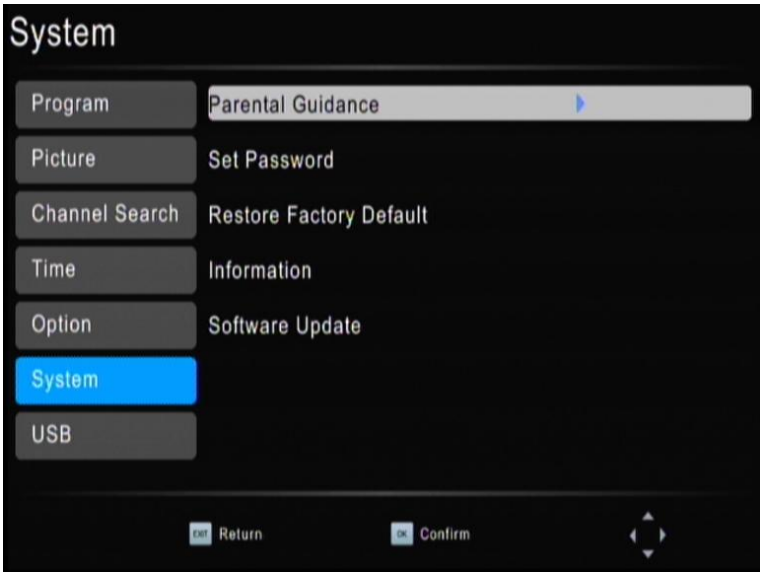
TRANSPARENT

Increase or decrease the menu transparency to see the TV channels running in the background.



6. SYSTEM

(1) Press [MENU] key to display the main menu.
(2) Press [VOL-/VOL+] key to select the “System“ menu.

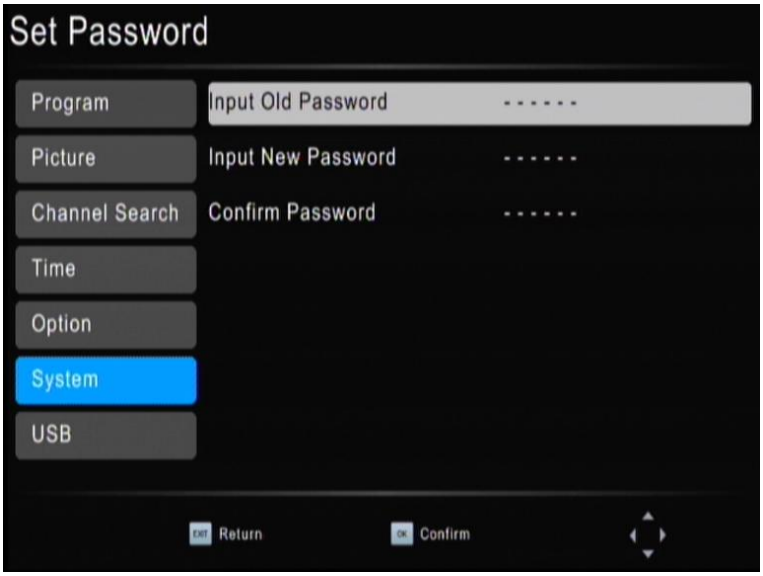


PARENTAL GUIDANCE

(1) Press [VOL-/VOL+] key to move the cursor and press [OK] key to input the Password ”000000”.
(2) This sets the program parental controlling level.

SET PASSWORD

(1) Press [VOL-/VOL+] key to move the cursor and press [OK] key to enter the password settings sub-menu.
(2) Use the numeric keys of the remote control to set the new password.



RESTORE FACTORY DEFAULT

(1) Press [OK] key to enter the sub menu and then [OK] to confirm to restore the default.
(2) Press [EXIT] key to cancel the restoring.

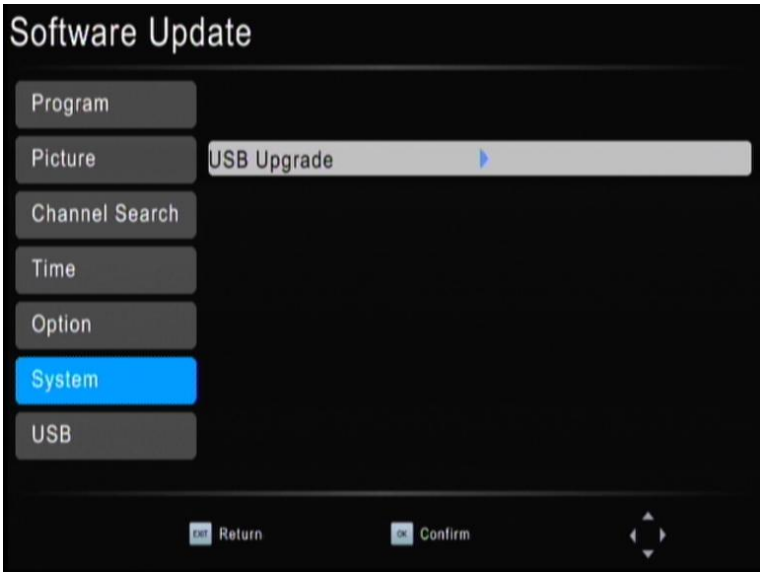
INFORMATION

Press [OK] key to show the system information (model no., SW version, HW version).

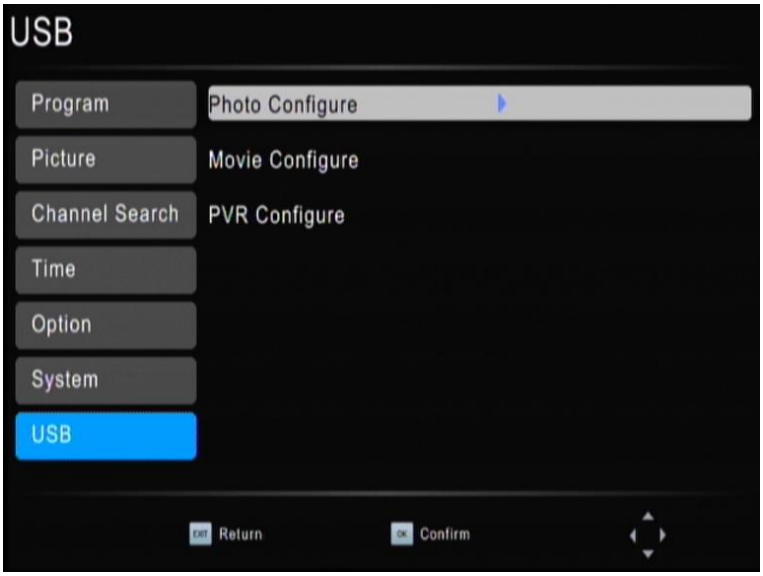
FIRMWARE UPGRADE

You will need a USB flash drive to upgrade the player.

(1) Copy the new firmware to the root directory of a USB flash drive and connect it to the USB HOST port of the player.
(2) Input password “666666” on the main menu, the system will update the firmware automatically.
(3) Please restart the Movie Cube N160H after the software upgrade is complete.



7. USB



The USB menu will be disabled when the USB device is unplugged. The media player list will not be saved after unplugging the USB device, or in standby or power off mode.

(1) Press [MENU] key to display the main menu.
(2) Press [VOL-/VOL+] key to select the “USB“ menu.

PHOTO SET UP

(1) Press [CH-/CH+] key to move the cursor and press [OK] enter the “Photo configure” menu.
(2) Press [CH-/CH+] and [VOL-/VOL+] key to adjust the slide time.

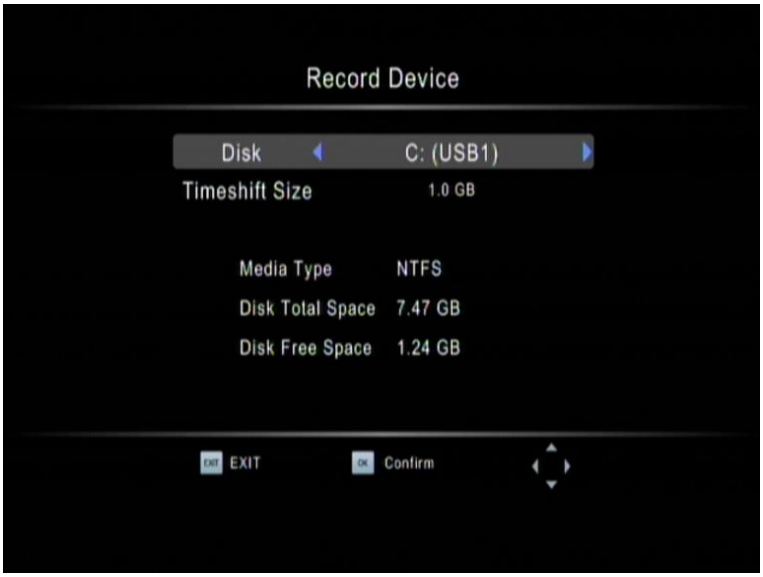
MOVIE SET UP

(1) Press [CH-/CH+] key to move the cursor and press [OK] to enter the “Movie configure” menu.
(2) Press [CH-/CH+] and [VOL-/VOL+] key to adjust the aspect ratio.

PVR SET UP

Press [CH-/CH+] key to move the cursor and press [OK] key to enter the “PVR Configure” menu.

Recording device



(1) Press [CH-/CH+] key to move the cursor and press [OK] key to enter the “Record Device” menu.
(2) Then press [VOL-/VOL+] key to choose the DISK.
(3) Press [EXIT] key to return to sub-menu.

Format

(1) Press [CH-/CH+] key to move the cursor and
(2) Press [OK] key to enter the “Format” then
(3) Press [VOL-/VOL+] key to choose the Format
(4) Press [Exit] key to return sub-menu.

TROUBLESHOOTING

If you encounter problems when using this product, please check the following points before requesting service.

Problem	Solution
No power on	Confirm that you have an appropriate power source. Check if all the connections between the wall outlet and power supply, and the power supply and the player are correct. Switch the power button in front of the player to turn on the power.
Buttons do not work	To completely reset the player, unplug the AC cord from the AC outlet for 5-10 seconds.
The player does not respond to the remote control	Point the remote control towards the remote receiver. Make sure the signal from the remote control to the receiver on the player is not blocked by solid objects. Reduce the distance to the media player. Replace the batteries in the remote control. Re-insert the batteries with their polarities (+/- signs) as indicated.
No picture on screen	Check if the TV is switched on. Select the appropriate video input on your TV.
No sound or distorted sound	Adjust the volume. Check that the audio cables are connected correctly. Select the audio output supported by your TV.

WARNING

Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not open the system as there is a risk of electric shock.